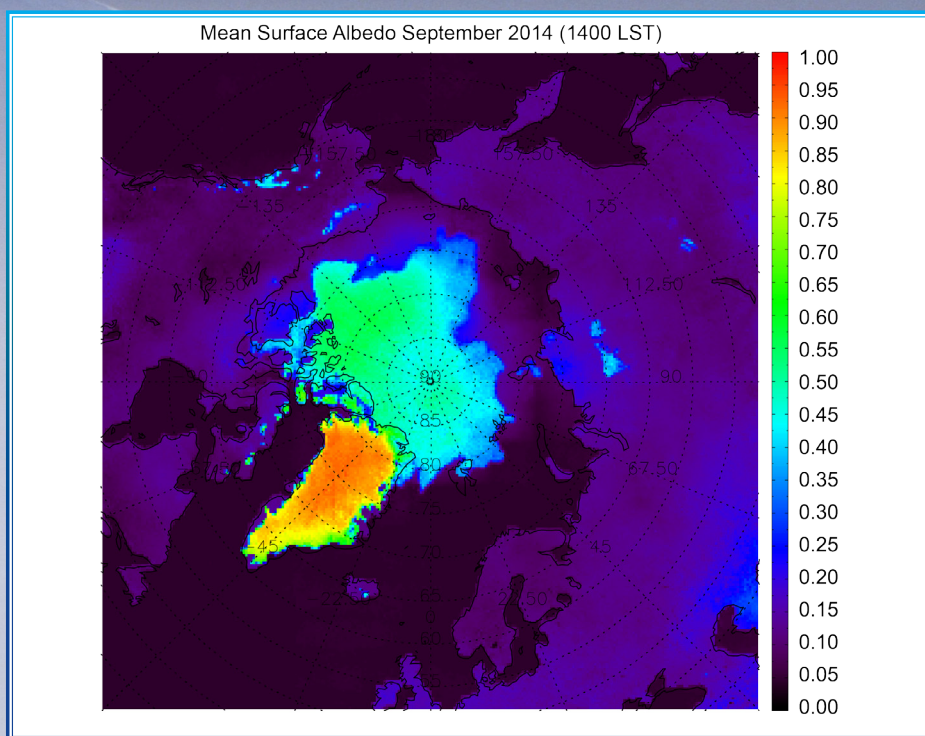


NOAA's Climate Data Record (CDR) Program

EXTENDED AVHRR POLAR PATHFINDER (APP-X)



APP-X CLIMATE DATA RECORD SPECIFICATIONS

- Coverage: Arctic and Antarctic
- Projection: EASE grid
- Spatial resolution: 25km
- Twice daily composites (multiple orbits) at 4:00 and 14:00 local solar time for the Arctic, and 02:00 and 14:00 for the Antarctic
- 1982–Present
- Updated daily

INPUTS TO THE APP-X CLIMATE DATA RECORD

- AVHRR Polar Pathfinder (APP) CDR
- Model fields of surface pressure, surface winds, atmospheric temperature and humidity

SOME USES OF THE APP-X CLIMATE DATA RECORD

- Near real-time monitoring of Arctic and Antarctic surface and atmospheric characteristics
- Studies of recent climate change in the polar regions
- Analysis of climate feedbacks and interactions
- Regional and global climate model verification/validation

CLIMATE DATA RECORD PROGRAM INFORMATION

<https://www.ncdc.noaa.gov/cdr>



www.climate.gov
www.ncdc.noaa.gov

Protecting the past... Revealing the future

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